



It took American **BREEDER** Luther Burbank **16 YEARS AND 600** species and varieties of cacti to breed a forage **OPUNTIA** with tasty fruits and **WITHOUT PRICKLES. P. 6**

**A THOUSAND YEARS** before the **ROMAN EMPIRE**, government agencies in **CHINA** used **SEALS** to certify official **DOCUMENTS** and confirm trade **TRANSACTIONS. P. 32**

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**NATURE AND PEOPLE**

06 **A. N. Kupriyanov**  
Plant Introduction:  
An Academic "Cinderella"?

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**ENCYCLOPEDIA OF EXPEDITIONS**

32 **S. A. Komissarov, A. I. Solovyev, E. A. Solovyeva**  
A Sealed History

In many institutions of **CHINA** and **JAPAN**, employees and clients can order a **PERSONAL SEAL** and use it to certify **BANKING DOCUMENTS** and even ballot papers. **P. 32**

Over the 9 years of working at the first Russian **CHEMICAL LABORATORY** of the Academy of Sciences, **MIKHAIL V. LOMONOSOV** carried out more than 4000 experiments and taught to university students the world's first **COURSE IN PHYSICAL CHEMISTRY. P. 50**

Andrei M. Sagalaev: "...The **LIFE OF SIBERIAN PEOPLES** is neither the drafts of history nor its 'unsuccessful versions.' It is a **DIFFERENT PATH**, the only one possible in their **ECOLOGICAL NICHE. P. 60**

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**HISTORY OF SCIENCE**

50 **M. F. Khartanovich**  
One Experiment over  
a Thousand Opinions  
*The First Chemical Laboratory  
of the Academy of Sciences*

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**BOOKSHELF**

60 **A. M. Sagalaev**  
Echoes of Memory. A String of Losses  
*The Fate of the Spiritual Heritage  
of the Altai Aborigines*

